Jewell County

Community Wind Toolkit

Legend

Base Map Layers
Kansas County Boundaries
Municipal Utility Names
Municipal Utility Boundaries
Municipal Utility 5mi region
Kansas Scenic Byways
Kansas Scenic Byway 5mi Region

KDOT Highways and Roads
Interstate Highways
US Routes
Kansas Routes
Kansas Roads

Areas of concern for wind development
Heart of Flint Hills Area
National Grasslands Buffer
National Preserve Buffer
National Wildlife Refuge Buffer
Untilled Land Area
Untilled Land Buffered Area
Archaeological Section
T&E Species Area

Electrical Grid
Substation Locations

Transmission Grid
Transmission Voltage in KVA
34.50
69.00
115.00
138.00
161.00
230.00
345.00

6mi area from Substation or Small Transmission (34.5-69 KVA)
White overlay for > 6 miles from small transmission lines

Distribution Grid
All Distribution Lines

Wind Resources
Wind Resource showing Class4 and greater
Estimated Average Annual Wind Speed
at 50 meters altitude in meters/second
7.00 - 7.25
7.25 - 7.50
7.50 - 7.75
7.75 - 8.00
> 8.00

text

Belleville
Belleville
Mankato
Cawker City
Glen Elder
Beloit

Coriolis
architecture · energy

KANSAS
CORPORATION
COMMISSION
ENERGY PROGRAMS

N

-98.8 °   -98.6 °   -98.4 °   -98.2 °   -98.0 °   -97.8 °
40.0 °
39.8 °
39.6 °